

Please add the following new Claims:

32. (New) A soluble fusion protein comprising a non-toxin protein sequence and at least a portion of the receptor binding domain of one or more *Clostridium botulinum* toxins, said one or more toxins selected from the group consisting of type B toxin and type E toxin.

33. (New) The soluble fusion protein of Claim 32, wherein said receptor binding domain from said *Clostridium botulinum* type B toxin is selected from the group consisting of SEQ ID NO:44 and SEQ ID NO:46.

34. (New) The soluble fusion protein of Claim 32, wherein said receptor binding domain from said *Clostridium botulinum* type E toxin is selected from the group consisting of SEQ ID NO:54 and SEQ ID NO:56.

35. (New) The soluble fusion protein of Claim 32, wherein said portion of said *Clostridium botulinum* toxin comprises the receptor binding domain.

36. (New) The soluble fusion protein of Claim 32, wherein said non-toxin protein sequence comprises a poly-histidine tract.

37. (New) The soluble fusion protein of Claim 32, wherein said fusion protein is substantially endotoxin-free.

38. (New) A soluble fusion protein comprising a non-toxin protein sequence and at least a portion of the receptor binding domain of *Clostridium botulinum* type A toxin.

39. (New) The soluble fusion protein of Claim 38, wherein said receptor binding domain from said *Clostridium botulinum* type A toxin is selected from the group consisting of SEQ ID NO:26 and SEQ ID NO:36.